

Appendix table 6-10.
Distribution of Federal agency academic research obligations, by field: FY 1997
(Percentages)

Field	National Science Foundation	National Aeronautics & Space Administration	Department of Defense	Department of Energy	Department of Health & Human Services	Department of Agriculture
TOTAL SCIENCE & ENGINEERING .	100.0	100.0	100.0	100.0	100.0	100.0
Total sciences	79.2	84.7	59.6	87.2	99.3	95.8
Physical sciences	21.6	37.2	11.0	58.5	1.5	6.0
Astronomy	2.1	21.6	0.0	0.0	0.0	0.0
Chemistry	6.9	2.0	4.2	8.2	1.4	6.0
Physics	6.9	10.2	5.8	50.1	0.1	0.0
Other	5.6	3.3	1.0	0.1	0.0	0.0
Mathematics	4.4	0.2	2.3	1.3	0.2	0.0
Computer sciences	10.8	3.6	23.1	0.4	0.2	0.0
Environmental sciences	17.0	29.1	10.3	12.6	0.3	1.1
Atmospheric sciences	3.7	16.1	2.1	3.5	0.0	1.0
Earth sciences	4.5	2.5	0.7	3.8	0.0	0.1
Oceanography	8.2	2.0	5.4	0.7	0.0	0.0
Other	0.7	8.6	2.2	4.6	0.3	0.0
Life sciences	15.9	9.4	10.1	13.1	88.9	76.7
Agricultural sciences	0.0	0.1	0.1	0.0	0.0	39.2
Biology (excluding environmental)	11.8	4.4	4.0	7.6	48.1	20.5
Environmental biology	4.1	0.1	0.5	0.0	0.0	15.2
Medical sciences	0.0	0.9	5.3	5.4	38.0	1.9
Other	0.0	3.8	0.1	0.1	2.9	0.0
Psychology	0.2	0.8	2.2	0.0	3.9	0.0
Biological aspects	0.0	0.0	1.6	0.0	0.2	0.0
Social aspects	0.2	0.0	0.5	0.0	0.1	0.0
Other	0.0	0.8	0.1	0.0	3.7	0.0
Social sciences	4.1	0.0	0.0	0.0	1.1	12.0
Anthropology	0.6	0.0	0.0	0.0	0.0	0.0
Economics	0.8	0.0	0.0	0.0	0.0	9.9
Political science	0.3	0.0	0.0	0.0	0.0	0.0
Sociology	0.3	0.0	0.0	0.0	0.0	2.1
Other	2.2	0.0	0.0	0.0	1.1	0.0
Other sciences	5.2	4.2	0.5	1.1	3.2	0.0
Total engineering.....	20.8	15.3	40.4	12.8	0.7	4.2
Aeronautical	0.0	5.8	1.6	0.0	0.0	0.0
Astronautical	0.0	1.9	0.7	0.0	0.0	0.0
Chemical	2.1	0.3	0.7	2.9	0.0	0.1
Civil	2.0	0.0	0.6	0.6	0.0	0.0
Electrical	2.3	1.4	10.0	0.4	0.0	0.0
Mechanical	0.4	1.6	5.3	1.8	0.0	0.0
Materials	5.8	2.0	12.6	4.5	0.0	0.0
Other	8.2	2.3	9.1	2.6	0.7	4.1

NOTES: Academic research includes both basic and applied research. The six agencies shown are the only ones that report their research obligations to academia by science and engineering field; they represent approximately 96 percent of academic research obligations.

SOURCES: National Science Foundation, Division of Science Resources Studies (NSF/SRS), *Federal Funds for Research and Development: Fiscal Years 1997, 1998, and 1999, Detailed Statistical Tables*, Vol. 47, NSF 99-333 (Arlington, VA: 1999); and NSF, annual series.

See figure 6-7 in Volume 1.

Science & Engineering Indicators - 2000